

## SEQUENCE LISTING

Arg Glu His Leu Leu Gln Lys Lys Glu Phe Ala Ile Leu Ile Ser Leu  
130 135 140

gcc att tgg gtt tta gta acc tta gag tta cta ccc ata ctt ccc ctt 480  
Ala Ile Trp Val Leu Val Thr Leu Glu Leu Leu Pro Ile Leu Pro Leu  
145 150 155 160

ata aat cct gtt ata act gac aat ggc acc acc tgt aat gat ttt gca 528  
Ile Asn Pro Val Ile Thr Asp Asn Gly Thr Thr Cys Asn Asp Phe Ala  
165 170 175

agt tct gga gac ccc aac tac aac ctc att tac agc atg tgt cta aca 576  
Ser Ser Gly Asp Pro Asn Tyr Asn Leu Ile Tyr Ser Met Cys Leu Thr  
180 185 190

ctg ttg ggg ttc ctt att cct ctt ttt gtg atg tgt ttc ttt tat tac 624  
Leu Leu Gly Phe Leu Ile Pro Leu Phe Val Met Cys Phe Phe Tyr Tyr  
195 200 205

aag att gct ctc ttc cta aag cag agg aat agg cag gtt gct act gct 672  
Lys Ile Ala Leu Phe Leu Lys Gln Arg Asn Arg Gln Val Ala Thr Ala  
210 215 220

ctg ccc ctt gaa aag cct ctc aac ttg gtc atc atg gca gtg gta atc 720  
Leu Pro Leu Glu Lys Pro Leu Asn Leu Val Ile Met Ala Val Val Ile  
225 230 235 240

ttc tct gtg cct ttt aca ccc tat cac gtc atg cgg aat gtg agg atc 768  
Phe Ser Val Pro Phe Thr Tyr His Val Met Arg Asn Val Arg Ile  
245 250 255

gct tca cgc ctg ggg agt tgg aag cag tat cag tgc act cag gtc gtc 816  
Ala Ser Arg Leu Gly Ser Trp Lys Gln Tyr Gln Cys Thr Gln Val Val  
260 265 270

atc aac tcc ttt tac att gtg aca cgg cct ttg gcc ttt ctg aac agt 864  
Ile Asn Ser Phe Tyr Ile Val Thr Arg Pro Leu Ala Phe Leu Asn Ser  
275 280 285

gtc atc aac cct gtc ttc tat ttt ctt ttg gga gat cac ttc agg gac 912  
Val Ile Asn Pro Val Phe Tyr Phe Leu Leu Gly Asp His Phe Arg Asp  
290 295 300

atg ctg atg aat caa ctg aga cac aac ttc aaa tcc ctt aca tcc ttt 960  
Met Leu Met Asn Gln Leu Arg His Asn Phe Lys Ser Leu Thr Ser Phe  
305 310 315 320

agc aga tgg gct cat gaa ctc cta ctt tca ttc aga gaa aag tga 1005  
Ser Arg Trp Ala His Glu Leu Leu Leu Ser Phe Arg Glu Lys  
325 330 335

ggggcttggtg aaacagattg ttctacagat gaatctgtaa gccagttaca gtttgcctta 1065

actcatagac atcaatcaga gagtgtcaca gatttaacct tgatctaaag acaagttgta 1125

ccagagtagt gtgaaaagaa tgggacgaca agaattgtact ggtttcttcc tctaagaatt 1185

gaaaggagtt gaactgcctt atgtttgggc atgtaactcc aaaatactag gtagtataag 1245

gcttttctcaa tcaagtgc aaaatgaagat atataaagca acaagttgtc tgcatttgat 1305

<110> Hedrick, Joseph A.  
Lachowicz, Jean E.  
Wang, Wei  
Gustafson, Eric L.

<120> Adenosine Receptor

<130> CN01084

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<170> PatentIn Ver. 2.1

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gca gag gct gcc ctg gaa aag tac tac ctt tcc att ttt tat ggg att 96  
Ala Glu Ala Ala Leu Glu Lys Tyr Tyr Leu Ser Ile Phe Tyr Gly Ile  
20 25 30

gag ttc gtt gtg gga gtc ctt gga aat acc att gtt gtt tac ggc tac 144  
Glu Phe Val Val Gly Val Leu Gly Asn Thr Ile Val Val Tyr Gly Tyr  
35 40 45

atc ttc tct ctg aag aac tgg aac agc agt aat att tat ctc ttt aac 192  
Ile Phe Ser Leu Lys Asn Trp Asn Ser Ser Asn Ile Tyr Leu Phe Asn  
50 55 60

ctc tct gtc tct gac tta gct ttt ctg tgc acc ctc ccc atg ctg ata 240  
Leu Ser Val Ser Asp Leu Ala Phe Leu Cys Thr Leu Pro Met Leu Ile  
65 70 75 80

agg agt tat gcc aat gga aac tgg ata tat gga gac gtg ctc tgc ata 288  
Arg Ser Tyr Ala Asn Gly Asn Trp Ile Tyr Gly Asp Val Leu Cys Ile  
85 90 95

agc aac cga tat gtg ctt cat gcc aac ctc tat acc agc att ctc ttt 336  
Ser Asn Arg Tyr Val Leu His Ala Asn Leu Tyr Thr Ser Ile Leu Phe  
100 105 110

ctc act ttt atc agc ata gat cga tac ttg ata att aag tat cct ttc 384  
Leu Thr Phe Ile Ser Ile Asp Arg Tyr Leu Ile Ile Lys Tyr Pro Phe  
115 120 125

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cactgggtcag attgtaaaaa aaaaaaaaaa aaa

1338

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 Glu Phe Val Val Gly Val Leu Gly Asn Thr Ile Val Val Tyr Gly Tyr  
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 Ile Phe Ser Leu Lys Asn Trp Asn Ser Ser Asn Ile Tyr Leu Phe Asn  
           50                  55                  60  
 Leu Ser Val Ser Asp Leu Ala Phe Leu Cys Thr Leu Pro Met Leu Ile  
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 Arg Ser Tyr Ala Asn Gly Asn Trp Ile Tyr Gly Asp Val Leu Cys Ile  
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 Ser Asn Arg Tyr Val Leu His Ala Asn Leu Tyr Thr Ser Ile Leu Phe  
           100                  105                  110  
 Leu Thr Phe Ile Ser Ile Asp Arg Tyr Leu Ile Ile Lys Tyr Pro Phe  
           115                  120                  125  
 Arg Glu His Leu Leu Gln Lys Lys Glu Phe Ala Ile Leu Ile Ser Leu  
   130                  135                  140  
 Ala Ile Trp Val Leu Val Thr Leu Glu Leu Leu Pro Ile Leu Pro Leu  
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 Ile Asn Pro Val Ile Thr Asp Asn Gly Thr Thr Cys Asn Asp Phe Ala  
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 Ser Ser Gly Asp Pro Asn Tyr Asn Leu Ile Tyr Ser Met Cys Leu Thr  
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 Leu Leu Gly Phe Leu Ile Pro Leu Phe Val Met Cys Phe Phe Tyr Tyr  
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 Lys Ile Ala Leu Phe Leu Lys Gln Arg Asn Arg Gln Val Ala Thr Ala  
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 Leu Pro Leu Glu Lys Pro Leu Asn Leu Val Ile Met Ala Val Val Ile  
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 Phe Ser Val Pro Phe Thr Pro Tyr His Val Met Arg Asn Val Arg Ile  
           245                  250                  255  
 Ala Ser Arg Leu Gly Ser Trp Lys Gln Tyr Gln Cys Thr Gln Val Val  
           260                  265                  270  
 Ile Asn Ser Phe Tyr Ile Val Thr Arg Pro Leu Ala Phe Leu Asn Ser

275	280	285
Val Ile Asn Pro Val Phe Tyr Phe Leu Leu Gly Asp His Phe Arg Asp		
290	295	300
Met Leu Met Asn Gln Leu Arg His Asn Phe Lys Ser Leu Thr Ser Phe		
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Ser Arg Trp Ala His Glu Leu Leu Leu Ser Phe Arg Glu Lys		
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 primer

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38



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